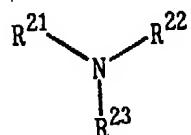


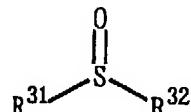
ABSTRACT OF THE DISCLOSURE

Disclosed is a photothermographic material comprising, on one side of a support, a photosensitive silver halide, a non-photosensitive silver salt of an organic acid, a reducing agent for silver ions and a binder, which is characterized by containing one or more phenol compounds as the reducing agent and one or more compounds satisfying at least one of the following requirements A and B in combination:

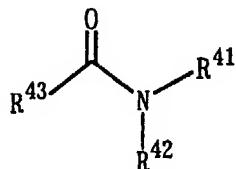
A: the hydrogen bond formation rate constant  $K_f$  is 20-4000,  
B: the chemical structure is represented by the following formula (II), (III), (IV) or (V) ( $R^{21}$  and others represent an alkyl group etc.), or has a phosphoryl group. According to the present invention, there is provided a photothermographic material that can provide sufficient image density at practical reaction temperatures (specifically 100-140 °C) with practical reaction times (specifically 1-30 seconds), and can sufficiently suppress coloration of blank portions during storage in the dark after development.



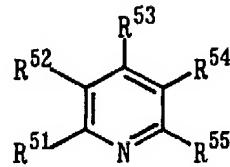
(II)



(III)



(IV)



(V)